

Title (en)
STORAGE

Title (de)
LAGER

Title (fr)
STOCKAGE

Publication
EP 4032834 A4 20220928 (EN)

Application
EP 19945875 A 20190920

Priority
JP 2019037123 W 20190920

Abstract (en)
[origin: EP4032834A1] A storage includes a first opening section, a second opening section, and a moving section. An article used in a board working machine configured to perform predetermined board work on a board is received or delivered through the first opening section. The second opening section is an opening section different from the first opening section, and when reception work or delivery work of the article is performed through the first opening section, an article different from the article can be received or delivered through the second opening section. The moving section moves the article to a predetermined storage section when the article is received through the first opening section or the second opening section and moves the article stored in the storage section to the first opening section or the second opening section when the article is delivered.

IPC 8 full level
B65G 1/00 (2006.01); **H05K 13/00** (2006.01); **H05K 13/02** (2006.01); **H05K 13/08** (2006.01)

CPC (source: EP US)
B65G 1/08 (2013.01 - US); **H05K 13/021** (2013.01 - EP); **H05K 13/086** (2018.08 - EP US); **B65G 2203/0216** (2013.01 - US)

Citation (search report)

- [XAYI] EP 2447193 A1 20120502 - MURATEC AUTOMATION CO LTD [JP]
- [YA] WO 2019142336 A1 20190725 - FUJI CORP [JP] & EP 3742878 A1 20201125 - FUJI CORP [JP]
- [A] US 10373643 B2 20190806 - TORITANI KENICHIRO [JP]

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 4032834 A1 20220727; EP 4032834 A4 20220928; CN 114401908 A 20220426; CN 114401908 B 20231024; JP 7236550 B2 20230309; JP WO2021053833 A1 20210325; US 2022346294 A1 20221027; WO 2021053833 A1 20210325

DOCDB simple family (application)
EP 19945875 A 20190920; CN 201980100364 A 20190920; JP 2019037123 W 20190920; JP 2021546172 A 20190920; US 201917761693 A 20190920